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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,616	01/09/2002	Mark J. Flanagan	2001P18375US	7020

7590 12/23/2004

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Intellectual Property Department
SIEMENS CORPORATION
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Iselin, NJ 08830

EXAMINER

ROCHE, TRENTON J

ART UNIT	PAPER NUMBER
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2124

DATE MAILED: 12/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/042,616

Applicant(s)

FLANAGAN, MARK J.

Examiner

Trent J Roche

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 03052002.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This office action is responsive to communications filed 9 January 2002.
2. Claims 1-31 have been examined.

Claim Objections

3. Claim 19 is objected to because of the following informalities: There appears to be a grammatical error in lines 10-11 of the claim, "whereby reviewers participating in said formal review and previously distributed to said reviewers." Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 23 and 26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

6. Claim 23 is indefinite in that it is dependent on claim 22, which states "where said item is a software source code block", yet claim 23 states "where said item is a document." As such, the claim is indefinite in that one cannot reasonably ascertain whether the item is supposed to be a software source code block or a document. For purposes of examination, claim 23 will be interpreted to be dependent on claim 21, keeping in line with previous similarly formatted claims.

7. Claim 26 is indefinite in that it is dependent on claim 25, which states "wherein the item being reviewed is source code", yet claim 26 states "wherein the item being review is a document."

Art Unit: 2124

As such, the claim is indefinite in that one cannot reasonably ascertain whether the item being reviewed is supposed to be source code or a document. For purposes of examination, claim 26 will be interpreted to be dependent on claim 24, keeping in line with previous similarly formatted claims.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9. Claims 1-3, 6, 9-11, 14, 17-21, 24, 27, 28 and 31 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent 6,199,193 to Oyagi et al, hereafter referred to as Oyagi.

Per claim 1:

Oyagi discloses:

- a review facility for providing an item for review by a plurality of reviewers and collecting comments from reviewers (“comment-space inclusive prototype presentation means...to allow the user to write comments...” in col. 2 lines 12-16)
- preparation means for preparing an item for interactive review (“generating a comment-space inclusive prototype...” in col. 2 lines 13-14)
- means for collecting comments on elements of prepared items (“writes his/her comments and suggestions in the given space” in col. 5 lines 28-29)

Art Unit: 2124

- means for distributing collected comments from review (“The user’s comments and suggestions about the prototype screen are returned to the user feedback distribution unit...” in col. 5 lines 44-46)

substantially as claimed.

Per claim 2:

The rejection of claim 1 is incorporated, and further, Oyagi discloses a selection means for selecting and retrieving said item, and means for formatting retrieved said items as claimed (Note Figure 2, item S1, and the corresponding sections of the disclosure.)

Per claim 3:

The rejection of claim 2 is incorporated, and further, Oyagi discloses identifying individual elements within said item, reviewers providing comments on ones of said individual elements as claimed (Note Figure 5, item 11b, wherein the user can comment on individual items by item ID.)

Per claim 6:

The rejection of claim 1 is incorporated, and further, Oyagi discloses means for providing items to reviewers, and reviewer selection means for selecting said items for review responsive to reviewer selection as claimed (Note Figure 5, item 11b, wherein the user can select items to review and comment on.)

Per claim 9:

Art Unit: 2124

The rejection of claim 1 is incorporated, and further, Oyagi discloses means for conducting a formal review, said formal review considering collected comments by reviewers participating in said formal review and previously distributed to said reviewers by said means for distributing collected comments as claimed (Note Figure 12, item S69 and the corresponding sections of the disclosure.)

Per claim 10:

Oyagi discloses:

- a method of reviewing an item being prepared for distribution, said method comprising the steps of preparing an item for interactive review (“comment-space inclusive prototype presentation means...to allow the user to write comments...” in col. 2 lines 12-16)
- making said prepared item available to a plurality of reviewers for comments on item elements, one of said plurality of reviewers returning comments on said prepared item (Note Figure 2 and the corresponding sections of the disclosure. The comment-space inclusive software is sent over a network to client computers.)
- conducting a formal review meeting of said plurality of reviewers, whereby one or more of the previously provided comments sufficiently provides attending reviewers awareness of a particular condition with respect to said item that said comment may be addressed in said item prior to said formal review meeting, such that further action is unnecessary at the time of said formal review with respect to said particular condition and each corresponding said comment (Note Figure 5, item 11b. The reviewers make comments, and “distributes them as user feedback to the development engineers involved in the project” (col. 4, lines 57-58) for a final review by the development engineers.)

substantially as claimed.

Art Unit: 2124

Per claim 11:

The rejection of claim 10 is incorporated, and further, Oyagi discloses retrieving said item for review, and formatting said item, individual item elements being identified for comment in said formatted item as claimed (Note Figure 2, item S1 and Figure 5, item 11b and the corresponding sections of the disclosure.)

Per claim 14:

The rejection of claim 10 is incorporated, and further, Oyagi discloses selecting said item, reviewing comments on said selected item, determining whether said selected item warrants additional comments, distributing warranted additional comments on said selected item, and repeating the steps until all items for review have been selected as claimed (Note Figure 5, item 11b and the corresponding sections of the disclosure. The user checks each item, and comments as necessary on that item until all items have been reviewed.)

Per claim 17:

The rejection of claim 14 is incorporated, and further, Oyagi discloses the items being stored in a central repository and selecting said items comprises connecting over the Internet to said central repository and accessing said item as claimed (Note Figure 4 and the corresponding sections of the disclosure. The items are kept on the development computer, and once an item is selected, a replica of the item is replicated on the user's screen for comments.)

Per claim 18:

Art Unit: 2124

The rejection of claim 10 is incorporated, and further, Oyagi discloses the returned comments being available for display by reviewers upon receipt as claimed (“the user’s comments and suggestions are distributed to the relevant development engineers” in col. 6 lines 64-66)

Per claim 19:

Claim 19 recites a computer program product for performing the actions of the review facility as disclosed in claim 1, and is rejected for the reasons set forth in connection with claim 1. Further, Oyagi discloses the limitation of presenting prepared items for formal review, said formal review considering collected comments provided by reviewers as claimed (“the user’s comments and suggestions are distributed to the relevant development engineers” in col. 6 lines 64-66)

Per claim 20:

The rejection of claim 19 is incorporated, and further, note the rejection regarding claim 2.

Per claim 21:

The rejection of claim 20 is incorporated, and further, note the rejection regarding claim 3.

Per claim 24:

The rejection of claim 19 is incorporated, and further, note the rejection regarding claim 6.

Per claim 27:

Claim 27 recites a computer-readable medium for performing the method of claim 10, and is rejected for the reasons set forth in connection with claim 10.

Art Unit: 2124

Per claim 28:

The rejection of claim 27 is incorporated, and further, note the rejection regarding claim 11.

Per claim 31:

The rejection of claim 27 is incorporated, and further, note the rejection regarding claim 17.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claims 4, 5, 7, 8, 12, 13, 15, 16, 22, 23, 25, 26, 29 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,199,193 to Oyagi et al, hereafter referred to as Oyagi, in view of "Codestriker" by Sitsky.

Per claim 4:

The rejection of claim 3 is incorporated, and further, Oyagi discloses commenting on individual items (Note Figure 5, item 11b and the corresponding sections of the disclosure) and further discloses building a comment file (Note Figure 7, item 12a and the corresponding sections of the disclosure). Oyagi does not explicitly disclose the individual elements being individual lines of source code. Sitsky discloses a system having the ability to comment on individual lines of source code as

Art Unit: 2124

claimed (“submit comments against the code on a per-line basis...” on page 1). As the system disclosed by Oyagi could already indicate individual items for review, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have the individual elements of the system disclosed by Oyagi be individual lines of source code, as in the system disclosed by Sitsky, thereby enabling code reviews in a collaborative fashion, as discussed on page 1 of Sitsky.

Per claim 5:

The rejection of claim 3 is incorporated, and further, Oyagi discloses commenting on individual items (Note Figure 5, item 11b and the corresponding sections of the disclosure) and further discloses building a comment file (Note Figure 7, item 12a and the corresponding sections of the disclosure). Oyagi does not explicitly disclose the individual elements being individual blocks of text in a document. Sitsky discloses a system having the ability to comment on individual blocks of text from documents as claimed (Note the diagram on page 3. A block of code in textual form is being reviewed). As the system disclosed by Oyagi could already indicate individual items for review, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have the individual elements of the system disclosed by Oyagi be individual blocks of text, as in the system disclosed by Sitsky, thereby enabling code reviews in a collaborative fashion, as discussed on page 1 of Sitsky.

Per claims 7 and 8:

The rejection of claim 6 is incorporated, and further, claims 7 and 8 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Art Unit: 2124

Per claims 12 and 13:

The rejection of claim 11 is incorporated, and further, claims 12 and 13 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Per claims 15 and 16:

The rejection of claim 14 is incorporated, and further, claims 15 and 16 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Per claims 22 and 23:

The rejection of claim 21 is incorporated, and further, claims 22 and 23 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Per claims 25 and 26:

The rejection of claim 24 is incorporated, and further, claims 25 and 26 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Per claims 22 and 23:

The rejection of claim 21 is incorporated, and further, claims 22 and 23 are rejected for the reasons set forth in connection with claims 4 and 5, respectively.

Per claims 29 and 30:

The rejection of claim 28 is incorporated, and further, claims 29 and 30 are rejected for the reasons set forth in connection with claims 5 and 4, respectively.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

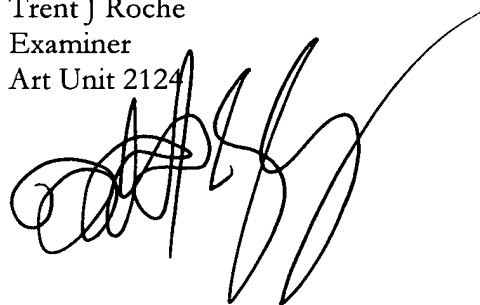
13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trent J Roche whose telephone number is (571)272-3733. The examiner can normally be reached on Monday - Friday, 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571)272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TJR

Trent J Roche
Examiner
Art Unit 2124

A handwritten signature in black ink, appearing to read 'TODD INGBERG', with a long, sweeping horizontal line extending to the right.

**TODD INGBERG
PRIMARY EXAMINER**